

Converting Colors

Hex(6BCEB6)

Have a look what the booklet for
Hex(6BCEB6) contains.

Hex(6BCEB6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6BCEB6)

Conversions

Conversions Part 1

Format	Color
Hex	6BCEB6
RGB	107, 206, 182
RGB Percent	42%, 81%, 71%
CMY	0.5804, 0.1922, 0.2863
CMYK	0.48, 0.00, 0.12, 0.19
HSL	165°, 50%, 61%
HSV	165°, 48%, 81%
XYZ	36.5782, 50.6458, 52.1037
YIQ	173.6630, -51.3000, -28.4520

Conversions

Conversions Part 2

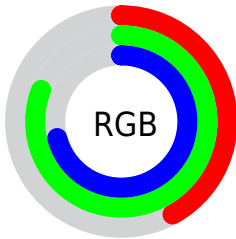
Format	Color
RYB	107, 163, 206
Decimal	7065270
CIELab	76.46, -34.86, 2.99
CIELCh	76, 34.989, 175.104
Yxy	50.6458, 0.2625, 0.3635
Android (android.graphics.Color)	4285255350 (0xFF6BCEB6)
YUV	173.6630, 4.1101, -58.4635
Hunter-Lab	71.1659, -32.7939, 6.4073

Details

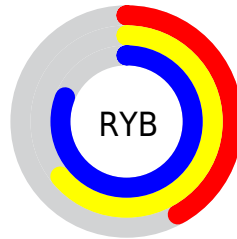
The Hex color **6BCEB6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CE6B83**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **A4FFEE**, and **2F9781** is the 20% darker color. If you saturate the color by 10%, you get **56CEB1**, and if you desaturate by 10%, it is **80CEBB**.

Distribution



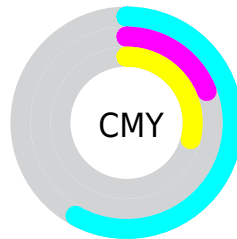
- Red (42%)
- Green (81%)
- Blue (71%)



- Red (42%)
- Yellow (64%)
- Blue (81%)



- Cyan (48%)
- Magenta (0%)
- Yellow (12%)
- Black (19%)



- Cyan (58%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BCEB6 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6BCEB6 by changing the saturation by 10% instead.



6BCEB6



6BCEB6

FFFFFF



4EB29B



A4FFEE



2F9781



C1FFFF



007D68



DEFFFF



006350



FCFFFF



004B39



003324



001F0E



000000



6BCEB6



6BCEB6

■ 56CEB1

■ 80CEBB

■ 42CEAC

■ 94CEC0

■ 2DCEA7

■ A9CEC5

■ 19CEA2

■ BDCECA

■ 04CE9D

■ D2CECF

■ 00CE9C

■ E7CED4

■ FBCED9

■ FFCEDE

■ FFCEE3

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91CA97



6BCEB6



4FCED7

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6BCEB6



BAB6F7



F1AE89

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6BCEB6



CE6B83

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FDA6A3



6BCEB6



E1ABE2

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6BCEB6



89C1FD



F8A5C3



D8B97C

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6BCEB6



52CBE9



F8A5C3



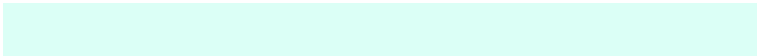
F6AB90

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6BCEB6



DBFFF6



84CE6B



6A807A



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6BCEB6



6BFFDB



6BB5CE



5C6664



00A67E



00261D

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CE6B83



FF6B8F



CE846B



665C5E



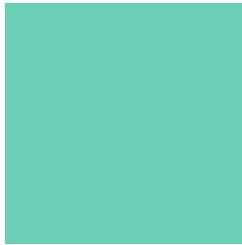
A60028



260009

Previews

White Background



This preview shows how the Hex color 6BCEB6 looks on a white background.

Color Contrast Check

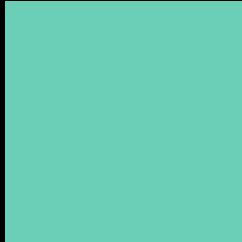
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6BCEB6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

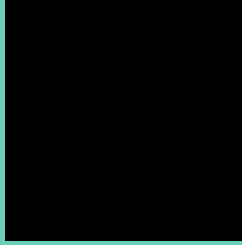
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

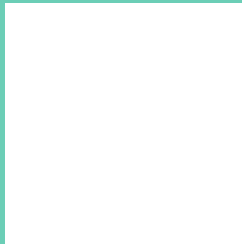
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6BCEB6 Background



This preview shows how black text looks on a background with the Hex color 6BCEB6.



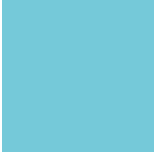
This preview shows how white text looks on a background with the Hex color 6BCEB6.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

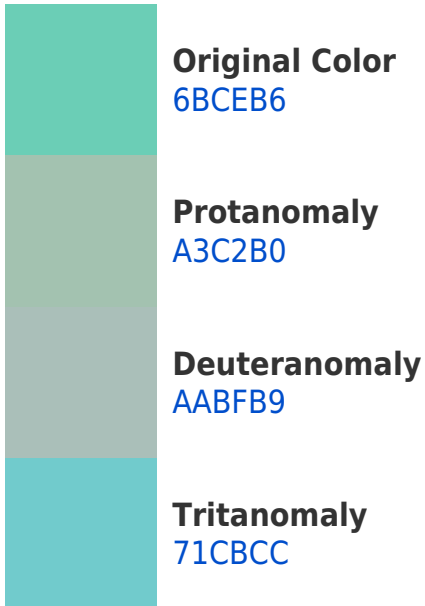
Dichromacy





Tritanopia
75C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BCEB6 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6BCEB6 looks like.

```
.text, #text, p{  
    color:#6BCEB6  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6BCEB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BCEB6
}
```

Border

The CSS property to change the border of an element to Hex 6BCEB6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6BCEB6 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6BCEB6 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6BCEB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BCEB6; -webkit-box-shadow:4px 4px  
4px 4px #6BCEB6; box-shadow:4px 4px 4px  
4px #6BCEB6 }
```

Background

The CSS property to change the background color of an element to Hex 6BCEB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BCEB6 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6BCEB6 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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